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20 January 1970

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MEMORANDUM FOR: [REDACTED] CIA-CSR-SF/D

SUBJECT : Analysis of Selected Soviet Air Warning Radar Facilities

REFERENCES : [REDACTED]  
(NPIC Project 250519AC)

1. This memorandum, one of a series in response to the referenced requirement, presents details of four Soviet air warning radar facilities. Each of the facilities described below has been analyzed on all available high-resolution KEYHOLE photography. Annotated photography and a chronological table indicating the number and type of radars observed at individual facilities on specific missions are forwarded as attachments. The dimensions given in this memorandum are accurate to within [REDACTED] plus 1 percent) with a 95 percent confidence level.

2. The selected air warning radar facilities included in this memorandum are:

- a. Leninakan Air Warning Radar Facility  
40-48-15N 043-49-30E, BE None, [REDACTED]

The Leninakan Air Warning Radar Facility (Attachments 1 and 1-A), located on the northwest edge of Leninakan, USSR, consists of one FLAT FACE radar, one SPOON REST radar, one control building, two support buildings, seven van trailers, two generator trailers, and five horizontal POL tanks in an open bunker. No housing or barracks are identified at the facility.

- b. Bobry Air Warning Radar Facility  
52-02-//N 029-12-//E, [REDACTED]

The Bobry Air Warning Radar Facility (Attachments 2 and 2-A), located 7.5 nautical miles (nm) southwest of Kalinkovichi, USSR, consists of one BAR LOCK radar, one SIDE NET radar, one SQUAT EYE radar, one unoccupied radar mound, one FORK REST-type very high frequency (VHF) antenna, four vans or trucks, three revetments, and 23 support buildings. The three barracks have a total floorspace of 690 square meters (7,428 square feet).

Declass Review by  
NIMA/DOD

GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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- c. Kyzylagach Air Warning Radar Facility  
39-00-25N 048-47-30E, BE None, [REDACTED]

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The Kyzylagach Air Warning Radar Facility (Attachments 3 and 3-A), located within the confines of Kyzylagach Airfield [REDACTED] contains one BAR LOCK radar, one SPOON REST radar, one ROCK CAKE/STONE CAKE radar, ten electronic vans or trucks, one revetted building, and six revetments. A second BAR LOCK radar was observed in [REDACTED] however, this radar was not present on the most recent coverage of [REDACTED]. The airfield probably provides housing facilities for the air warning site.

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- d. Ulan Ude Air Warning Radar Facility  
51-51-40N 107-45-40E, [REDACTED]

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The Ulan Ude Air Warning Radar Facility (Attachments 4 and 4-A), located 1.8 nm east-northeast of Ulan Ude Airfield East [REDACTED] consists of one BAR LOCK radar, one ROCK CAKE/STONE CAKE radar, one control building, and six electronic vans or trucks. No housing or barracks are identified.

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3. This is a partial response to the requirement. Any further inquiries should be directed to [REDACTED] NPIC/IEG/SD/EB, IDS Code 143, [REDACTED].

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[REDACTED]  
Chief, Imagery Exploitation Group  
NPIC

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Attachments:

- 1 Leninakan Air Warning Radar Facility
- 1-A Radars Observed at Leninakan Air Warning Radar Facility
- 2 Bobry Air Warning Radar Facility
- 2-A Radars Observed at Bobry Air Warning Radar Facility
- 3 Kyzylagach Air Warning Radar Facility
- 3-A Radars Observed at Kyzylagach Air Warning Radar Facility
- 4 Ulan Ude Air Warning Radar Facility
- 4-A Radars Observed at Ulan Ude Air Warning Radar Facility

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